

IN THE ABSTRACT:

Please delete the abstract and substitute therefor the following new abstract:

6SP *AL*
--A RAID apparatus and an access control method thereof includes same logical volumes allocated to a plurality of physical disk units. The RAID apparatus includes a plurality of physical disk units storing same logical volumes, and a disk controller accesses a particular logical volume by accessing any physical disk unit which stores ~~a~~ the particular logical volume. The disk controller includes a memory storing the number of operations requested of each physical disk unit, for each physical disk unit, and a control circuit accessing one of the plurality of physical disk units which stores the particular logical volume, in accordance with the number of operations. Since a physical disk unit is selected in accordance with the numbers of operations of the individual physical disk units, balanced access to the physical disk units is accomplished. *A*